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ABSTRACT

This handbook, part of the GEMS (Great Explorations in Math and Science) series, contains ready-made assessments for teachers to integrate within their presentation of activity-based mathematics and science units. The first main section of the book is called "Pearl's Journal: A Year in the Life of...." This fictitious teacher's journal is interspersed with comments to provide an overview of assessment issues as well as ideas about how to use this book. The next section, "Insights," gives descriptions of 13 major assessment strategies (with case studies from GEMS), uses actual student work, analyzes the insights gained from these case studies, and lists other opportunities in the GEMS series for using each strategy. The final section, "Outcomes," gives brief summaries of all GEMS teacher's guides, highlights selected student learning outcomes for each guide, and describes both built-in and additional assessments. (MKR)

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